

CLAIMS

- 1 1. A temporary attachment for jaw implants, the temporary attachment being
2 attached to a jaw implant by means of a screw after the implant has been
3 inserted into a jawbone and comprising:
4 a base;
5 a head;
6 a molded piece made of a biocompatible and elastic material located
7 between the base and the head, said elastic material being deformable
8 under the action of the screw and situated in order to transfer the resulting
9 deformation to surrounding jaw tissue.
- 1 2. The temporary attachment of claim 1, wherein the jaw implant has a head
2 with a shape and wherein the base has a first side shaped to fit closely to
3 the implant head shape, has a second side in contact with the molded piece
4 and is attached to the implant head by the screw.
- 1 3. The temporary attachment of claim 2, wherein the second side of the base
2 has a shape profile that predetermines the type of deformation of the
3 molded piece in the area of the base.
- 1 4. The temporary attachment of claim 1, wherein the head has a side in
2 contact with the molded piece, the head side having a shape profile which
3 predetermines the type of deformation of the molded piece in the area of the
4 head.
- 1 5. The temporary attachment of claim 4, wherein the base has a side in
2 contact with the molded piece and wherein the base side and the head side
3 each have a convex shape profile which results in a barrel-shaped
4 deformation of the molded piece under action of the screw.

- 1 6. The temporary attachment of claim 4, wherein the head side has a shape
2 profile which tapers toward the molded piece and predetermines a
3 deformation of the molded piece in the area of the head.
- 1 7. The temporary attachment of claim 4 wherein the base has a side in contact
2 with the molded piece and wherein one of the base side and the head side
3 has a radially asymmetric shape profile causing a radially asymmetric
4 deformation of the molded piece extending in a predetermined radial
5 direction.
- 1 8. The temporary attachment of claim 7 wherein the predetermined radial
2 direction of deformation can be selected by rotating one of the base and the
3 head around a longitudinal axis of the implant.
- 1 9. The temporary attachment of claim 1, wherein the screw has a head and
2 wherein the attachment head comprises the screw head.
- 1 10. The temporary attachment of claim 1 wherein the head comprises a plate
2 having a bore therein through which passes the screw so that the plate is
3 drawn against the molded piece by the action of the screw.
- 1 11. The temporary attachment of claim 1 wherein the molded piece has a
2 cylindrical shape.
- 1 12. The temporary attachment of claim 1 wherein the molded piece has a
2 longitudinal height at least equal to a thickness of gingival tissue layer over
3 the jawbone.

1 13. The temporary attachment of claim 1 wherein the molded piece is fabricated
2 of silicone material.

1 14. The temporary attachment of claim 1 wherein the implant has a head that
2 contacts the molded piece and wherein the base comprises the implant
3 head.

1 15. The temporary attachment of claim 1, wherein the implant has a head with a
2 shape that contacts the base and wherein the base is shaped to prevent
3 rotation of the base with respect to the implant head.

1 16. The temporary attachment of claim 1, wherein at least one of the base and
2 the head is attached to the molded piece.

1 17. The temporary attachment of claim 1, wherein the screw threads into a
2 threaded bore in the jaw implant wherein the threaded bore is used to fasten
3 a superstructure to the implant.